BRO7/30-4-15

SBR 02/30-4-15

M. A. R. 57 (Rule 116)
Measurement Book

No. B

66253

Serial No. 1st & Final.

Name of work .... providing chain link fencing to Aladmara park-1 & 2 wards no-12 From ..... To .....

Name of Contractor of nature of Agency.... Technical manager KRIDL Est cost:-25-0 lakhs

Date of commencement of work. NOFE/P.D/W.O/60/12-13 Dt. 8/8/13. Jci-01-2-13-000026.

CE/D2/TS/63/14-15 Dt:-11/8/14.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measured on.						
7-1	Earth work excavation for foundation of buildings water supply, sanitary lines & electrical conduits either in pits or in trenches, 1.5m and above in width in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications qty vide pg no. 66284/1 of this M.B.					149.85 cum @ 259=70 Rs. 38916:00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I-2.	Providing and laying in position plain cement Concrete of mix 1:4:8 with opc cement @ 220 kgs With. ying 40mm and down size graded granite metal course aggregate @ 0.892 cum & fine aggregate @ 0.485 cum machine mixed concrete laid in layers not exceeding 15cm thick well compacted in labour HOM of machinery curing complete as per specifications. Qty vide pg no 66284/2 of this M.B					31.87 cum 29.97 cum @ 4970.34 Rs:- 148961=60	
I-3.	Providing & constructing granite trap/ basalt Size stone masonry in foundation in cement mortar 1:6 stone hammered dressed in course.						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 66254

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	not less than 20cms high bond stones at 2m apart in each course including cost of materials labour complete as per specifications						
	Etg vide pg no. 66285/2 of this M.B					₹9.20 cum	
T-4	providing and constructing granite/trap/basalt size Stone masonry in basement with cement mortar 1:6 edges of stone chisele dressed in courses not less than 15 cms high bond stones at two m apart in each course including cost of all materials labour, curing complete as per specifications.				@	37 × 65=12 Rs:- 298198=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	26.60	0.45	0.60	= 7.18 cum	
		1	16.20	0.45	0.60	= 4.37 cum	
		1	18.20	0.45	0.60	= 4.91 cum	
		1	17.60	0.45	0.60	= 4.75 cum	
		1	33.70	0.45	0.60	= 9.10 cum	
		1	22.0	0.45	0.60	= 5.94 cum	
		1	23.80	0.45	0.60	= 6.43 cum	
		1	23.20	0.45	0.60	= 6.26 cum	
		1	31.20	0.45	0.60	= 8.42 cum	
		1	23.60	0.45	0.60	= 6.37 cum	
		Lt & to tend	50.94m			63.74 cum	
I-5	Providing raised & cut pointing to Stone masonry with cement mortar 1:3 20mm deep after raking joints to depth of 20 mm neatly					Cost 414.58 = 36 Rs.	— 26423400

M. A. R. 57 (Rule 116)
Measurement Book

No. B 65255

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	lining including cost of materials labour curing complete as per specifications						
		1	× 26.60		× 1.20	= 31.92 sqm	
		1	× 16.20		× 1.20	= 19.44 sqm	
		1	× 18.20		× 1.20	= 21.84 sqm	
		1	× 17.60		× 1.20	= 21.12 sqm	
		1	× 33.70		× 1.20	= 40.44 sqm	
		1	× 22.0		× 1.20	= 26.40 sqm	
		1	× 23.80		× 1.20	= 28.56 sqm	
		1	× 23.20		× 1.20	= 27.84 sqm	
		1	× 31.20		× 1.20	= 37.44 sqm	
		1	× 23.60		× 1.20	= 28.32 sqm	
						283.32 sqm	

Limite to tende 266.40 sqm @ 133=56

Rs. - 35580=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I-6.	Providing and laying in Position plain cement concrete of mix M-20 With opc cement @ 300 Kgs With 20 mm & down Size graded granite metal coarse aggregates @ 0.84 cum & fine aggregate @ 0.43 cum With Super plastisiser @ 3 lts conforming to IS 9103 - 1999 Reaffirmed - 2004 machine mixed Concrete laid in layers not exceeding 15 cms thick well compacted in foundation plinth & Cills including cost of all materials, labour Curing complete as per specifications.						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 66256

erial No. .....
lame of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	26.60	0.45	0.10	= 1.20 cum	
		1	16.20	0.45	0.10	= 0.73 cum	
		1	18.20	0.45	0.10	= 0.82 cum	
		1	17.60	0.45	0.10	= 0.79 cum	
		1	33.70	0.45	0.10	= 1.52 cum	
		1	22.0	0.45	0.10	= 0.99 cum	
		1	23.80	0.45	0.10	= 1.07 cum	
		1	23.20	0.45	0.10	= 1.04 cum	
		1	31.20	0.45	0.10	= 1.40 cum	
		1	23.60	0.45	0.10	= 1.06 cum	
	Chair base	34	2.0	1.0	0.15	= 10.20 cum	
						20.19 cum	By:- 115974=00
						@ 5744=14	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I-7.	Providing Chain link fencing 50 mm size of 8 guage properly Stretched between rectangular Poles and fixed with Suitable bolts & nuts the free ends shall be welded to the pole & block Pipe at top & bottom as required including cost of all materials labours lead & lifts as Per the direction of Engineer in charge of the work including two coats of approved quality Pain over one coat of Shop paint.	1	26.60		1.80	47.88 sq.m	
		1	16.20		1.80	29.16 sq.m	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 66257

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	× 18.20		× 1.80	= 32.76 cum	
		1	× 17.60		× 1.80	= 31.68 cum	
		1	× 33.70		× 1.80	= 60.66 cum	
		1	× 22.0		× 1.80	= 39.60 cum	
		1	× 23.80		× 1.80	= 42.84 cum	
		1	× 23.20		× 1.80	= 41.76 cum	
		1	× 31.20		× 1.80	= 56.16 cum	
		1	× 23.60		× 1.80	= 42.48 cum	
		Ud to tender			399.60	424.98 cum	
						@ 669=92	267700:00

CSAE

E.E. (D.D.)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I-8.	Supplying & fixing M.S. Rectangular poles Made out of 2 equal angles of 65×65×6 mm welded together and fixed in CC (1:2:4) with 2 Nos 16mm dia M.S. hold fast ready each of length 25cms including cost of all materials cutting, bending scaffolding wherever necessary nicely finishing the welded joints with all lead & lifts and as per the directions of the Engineer-in-charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting	111	× 2.20			= 244.20 m @ 1093=92	Rs - 267135=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B6258

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I-9	Providing & fixing Stoney made out of CC 1:2:4 and finished with cm 1:3 plastering & finishing cutting etc., complete of size 450 x 150 x 500mm Aladamara park	40 Nos				= 40 Nos @ 339=20 Rs - 13568=00	
I-10.	Providing laying heary duty cobble Stoney 60mm thick interlock pavers laying cement and course Sand for manufacturey of blocks of approved size shape and colour with a minimum compressive						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Strength of 28 kgs/sqcm over 50 mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tonne compaction force there by forcing part of sand underneath to come up in between joints, final compaction of paver joints into its final level complete as per specification						
		1	8.0	2.0		= 16.0 Sqm	
						@ 876=62	
						Rs:- 14026.00	
I-11	Providing and applying enamel metal paint two coats (excluding priming coat) over new						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 66259

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Steel or other metal surface brushing to give an even shade after cleaning oil grease dirt & other foreign matter including cost of materials, labour complete as per specification.						
	Gate.	1	× 4.0	×	× 1.80	= 7.20	
		1	× 4.0	×	× 1.80	= 7.20	
		~~150~~	~~× 50.0~~	~~×~~			
		300	× 0.45	×	× 0.40	= 54.00 Sqm	
						68.40 Sqm	
					@	80 = 56 N/-	5510=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I-12.	providing & fixing M.S. block pipe of 38 mm dia of heavy gauge of 4 including removing the bends cutting the pipes & fixing pipe in between the two vertide poles (M S rectangular poles) and Spot welding the chain link with M.S block pipe including cost of all materials wastage in cutting, and Scaffolding Wherever necessary With all lead & lift as directed by the Engineer in charge of the work etc., complete including two coats of approved quality paint over one coat of shop paint.						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B
66260

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
		3 × 26.60			= 79.80 m	
		3 × 16.20			= 48.60 m	
		3 × 18.20			= 54.60 m	
		3 × 17.60			= 52.80 m	
		3 × 33.70			= 101.10 m	
		3 × 22.0			= 66.00 m	
		3 × 23.80			= 71.40 m	
		3 × 23.20			= 69.60 m	
		3 × 31.20			= 93.60 m	
		3 × 23.60			= 70.80 m	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						708.30 m	
			Ltd to tender			666.00 m	
						@ 316=94	
						By 210852=00	
I-13	Providing & fixing Delhi benchy approved						
	Shetty halli - office	8 Nos				= 8 Nos	
	Abbigere park.	15 Nos				= 15 Nos	
	Shettyhalli Aladamara park.	23 Nos				= 23 Nos	
	Near Malasandra Park.	6 Nos				= 6 Nos	
	Paschim count Mallasandra	9 Nos				= 9 Nos	
		2 Nos				= 2 Nos	

Cste

E.E. (D.B.)

M. A. R. 57 (Rule 116)
Measurement Book

No. B 66261

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Abbigere Hospital	3				3 Nos	
						66 Nos	
					@	8500=00	
						Rs- 561000=00.	
	Total Amount:					224884=00	
	KRIDL 10%+1% Cess					246937=00. 224488=00	
	GC					8179=00.	
						2500000=00 246937=00	

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

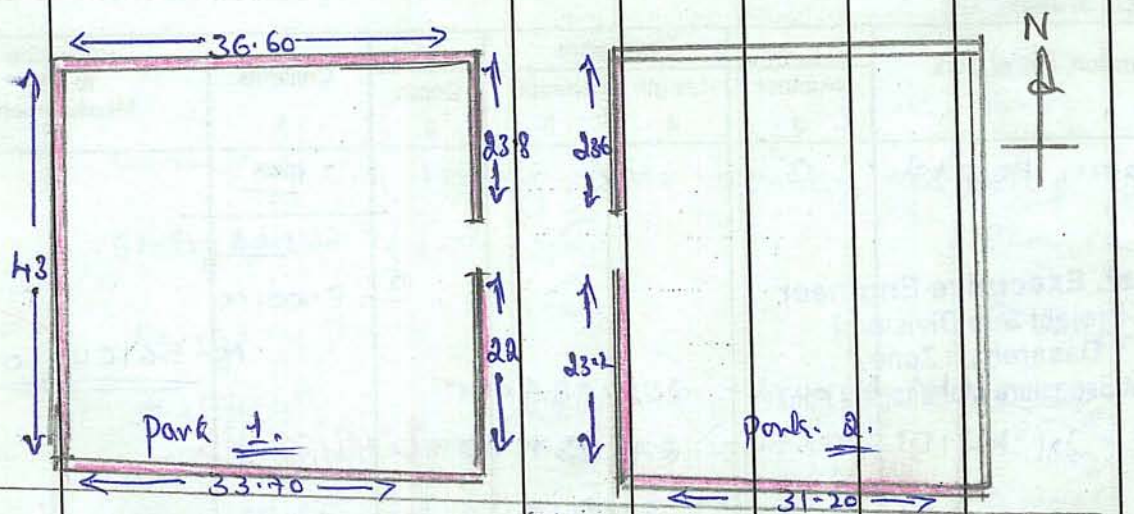
Ravi.N.K 27/4/15

Cheque

Certificate
1) certified that Contractor has done the work satisfactory.
2) certified that contractor has removed all debris from work spot
3) certified that there is no due from contractor side

Ravi.N.K. 27/4/15

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	 Chikkasandra to Shetty halli Ravi. N.K. 27/4/15						

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara P...

M. A. R. 57 (Rule 116

Measurement Book

No. B

66362

Serial No. .....

Name of work ..... From .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8

Audited and admitted for Rs. 2469872=00

Passed by Cheque for Rs. 2140386=00

(.....

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by accountancies 328986=00

Accounts Superintendent

Exe. Engineer

30/5/15

B.B.M.P Dasarahalli Division